

## Conference Venue

RocDyn-3 will be held in Trondheim, Norway. Trondheim is located in the middle of Norway and beside the Trondheim fjord. It can be reached by air directly from Oslo, Copenhagen, Amsterdam, Stockholm and London.

## Organisation Committee

Charlie C. LI (co-chair), *NTNU, Norway*  
Zongxian ZHANG (co-chair), *the University of Oulu, Finland*  
Liyuan CHI, *the University Centre in Svalbard, Norway*  
Wenche W. FINSETH, *NTNU, Norway*  
Randi KOJEN, *NTNU, Norway*  
Jianchun LI, *CAS Institute of Rock and Soil Mechanics, China*  
Diyuan LI, *Central South University, China*  
Xing LI, *Monash University, Australia*  
Aina MYRVOLD, *NTNU, Norway*  
Wenge Qiu, *Southwest Jiaotong University, China*  
Knut SOLEM, *NTNU, Norway*  
Gunnar VISTNES, *NTNU, Norway*  
Kaiwen XIA, *Toronto University, Canada*  
Qianbing ZHANG, *Monash University, Australia*  
Zhiye ZHAO, *Nanyang Technological University, Singapore*

## Scientific Committee

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Jian ZHAO (co-chair), <i>Australia</i>	Peter MIKULA, <i>Australia</i>
Ömer AYDAN, <i>Japan</i>	Bjørn NILSEN, <i>Norway</i>
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David BECK, <i>Australia</i>	Krishna PANTHI, <i>Norway</i>
Ezio CADONI, <i>Switzerland</i>	Frederic PELLET, <i>France</i>
Ming CAI, <i>Canada</i>	Yuri PETROV, <i>Russia</i>
Jian DENG, <i>Canada</i>	Mikael RINNE, <i>Finland</i>
Feng DAI, <i>China</i>	Brad SIMSER, <i>Canada</i>
Conrad FELICE, <i>USA</i>	Chun'An TANG, <i>China</i>
Xia-Ting FENG, <i>China</i>	Wenge Qiu, <i>China</i>
William FOURNEY, <i>USA</i>	Jianchun LI, <i>China</i>
R.K. GOEL, <i>India</i>	Phil DIGHT, <i>Australia</i>
Manchao HE, <i>China</i>	Ernesto VILLAESCUSA, <i>Australia</i>
Bruce HEBBLEWHITE, <i>Australia</i>	Lili WANG, <i>China</i>
Shi HUAN, <i>Guangzhou University</i>	Kaiwen XIA, <i>Canada</i>
Yujing JIANG, <i>Japan</i>	Zhiye ZHAO, <i>Singapore</i>
William JOUGHIN, <i>South Africa</i>	Mike YAO, <i>Canada</i>
Petr KONICEK, <i>Czech Republic</i>	Paul YOUNG, <i>Canada</i>
Heinz KONIETZKY, <i>Germany</i>	Zongxian ZHANG, <i>Finland</i>
Haibo LI, <i>China</i>	Yingxin ZHOU, <i>Singapore</i>
Xibing LI, <i>China</i>	Wancheng ZHU, <i>China</i>

## Bulletin 2

Call for Abstracts  
<http://www.rocdyn.org>

# Third International Conference on Rock Dynamics & Applications (*RocDyn-3*) “Experiments, theories and applications”

Trondheim, Norway  
25-29 June 2018

## Organisers



The Norwegian University of Science and Technology, Norway

The University of Oulu, Finland

## Co-organisers



Monash University, Australia



CAS Institute of Rock and Soil  
Mechanics, China



Nanyang Technological University,  
Singapore



University of Toronto, Canada



Central South University, China



Southeast University, China



Southwest Jiaotong University, China



ISRM

ISRM Commission on Rock Dynamics



NBG



## Invitation

The Third International Conference on Rock Dynamics and Applications (RocDyn-3) will be held on 25-29 June 2018 in Trondheim, Norway. It is a specialized conference supported by the ISRM – the International Society for Rock Mechanics and the NBG – the Norwegian National Group of Rock Mechanics.

RocDyn-3 will cover the recent developments in experiments and theories of dynamic rock testing, rockburst, seismic management, dynamic rock support, blasting, percussive drilling, earthquake damage, etc. Rockburst in hard rock and seismic management will be paid special attentions in the conference. Two special forums will be organized for open discussions on hot topics in rock dynamics.

Trondheim is the third largest city of Norway. It is the city of technology in Norway, which hosts the largest Norwegian University, NTNU – Norwegian University of Science and Technology, and many other research and development institutions.

Welcome!

Dr. Charlie C. Li, Co-Chair,                      Dr. Zongxian Zhang, Co-Chair  
RocDyn-3 Organizing Committee

## Conference Themes

RocDyn-3 is a specialized conference devoting to topics on the dynamic behavior of rock and rock masses and engineering applications. The themes include:

- T1:** Laboratory dynamic testing of rock
- T2:** Theories and numerical simulations
- T3:** Rockburst, dynamic loading and seismicity in underground excavations
- T4:** Dynamic rock support
- T5:** Seismic monitoring and management,
- T6:** Blasting and explosions
- T7:** Earthquake-related structure damage and landslides.
- T8:** Other relevant topics

**Forum 1:** Rockburst and dynamic rock support

**Forum 2:** Dynamic testing of rock

The Forums are held in forms of invited presentations, open speeches and discussions. The invited presentations will be selected among the submitted papers.

Abstracts and papers will be peer-reviewed and published in proceedings.

## Abstract Submission

Colleagues interested in participating in RocDyn-3 are invited to submit abstracts on the topics within the conference schemes. Abstract should be about 400 words, with a title, authors' names, affiliations, and email addresses. The theme number (T1 ... T8) should be given. Abstract should be submitted through conference website (<http://www.rocdyn.org>).

## Key dates

Abstract submission	30 August 2017
Notification for abstract acceptance	20 September 2017
Deadline for full paper submission	1 January 2018
Notification for full paper acceptance	15 February 2018

## Keynote Speakers

**Brad SIMSER**, Principal ground control engineer, Glencore, Canada  
Keynote on mine rockburst and dynamic rock support

**Xibing LI**, Professor, Central South University, China  
Keynote on dynamic testing of rock

**Finn OUCHTERLONY**, Professor, University of Leoben, Austria  
Keynote on rock blasting and fragmentation

**Chun'An Tang**, Professor, Dalian University of Technology, China  
Keynote on seismic monitoring and rockburst modelling

## Theme Speakers

Theme speakers are selected among papers accepted.

## Conference Program

The program of RocDyn-3 includes courses, forums, technical presentations and excursions as well as social events.

Year 2018	25 June	26 June	27 June	28-29 June
<b>Morning</b>	Courses,	Technical	Technical	Excursions (subsea
<b>Afternoon</b>	forums,	sessions	sessions	tunnels, geological sites,
	registration			etc.)
<b>Evening</b>	Reception	Conf dinner		